(1)   String

Public   static   social security Status(int age){

            String Ssn="";

            if (age > 65)

                    Ssn="eligable";

            else

                    Ssn=" ineligable";

        return ssn;
                OR
    }   return (age > 65)? "eligable" : "inligable";

(3)

    Public double area (double radius){

    double a = (double).(math.pi * math.pow(2,radius)

    return a;

    }

    pubic double diagonal (int log , int wid){

    double diag = math.sqrt(math.pow(2, log) +

    Math.pow(2, wid);

    Return diag;

④

ⓐ $3 \times 5 / 9 \% 2$

     $15 / 9 \% 2$

       $1 \% 2$

       $\Rightarrow 1$ of type int.

ⓑ $4 \wedge 3 \& 5$

     $4 \wedge \left(\begin{smallmatrix} 011 \\ 101 \end{smallmatrix}\right)$

     $4 \wedge \left(\begin{smallmatrix} 001 \\ 1 \end{smallmatrix}\right)$

     $4 \wedge 1 = \wedge \dfrac{\begin{smallmatrix} 100 \\ 001 \end{smallmatrix}}{101}$

         $\Rightarrow 5$

ⓒ $13 >> 2 << 2 \wedge 4$

   $13 >> \quad 010 \quad \wedge 4$

   $13 \quad >> \quad 0 \wedge 4$

      $13 \quad 4$

     $\wedge \dfrac{\begin{smallmatrix} 1101 \\ 0101 \end{smallmatrix}}{1000}$

       $\Rightarrow 8$

② $32 | 16 / 3 >> 2 \& 5$

   $32 | 5 >> 2 \& 5$
      $\underset{0101}{}$

   $32 | 1 \& 5$
   $32 | \dfrac{\begin{smallmatrix} 001 \\ 101 \end{smallmatrix}}{001} \Rightarrow$ $32 | 1 \Rightarrow \dfrac{\begin{smallmatrix} 100000 \\ 000001 \end{smallmatrix}}{100001}$
         1 $\Rightarrow 33$

⑤ int a = (b = 5);

no, because the variable "b" doesn't have
a data type. if it is assigned before
it is working. and the value of a is
'5;

② String s = "a friendly face";

   a. s. charAt(2);
     = f

  b. s. length();
     = 15.

  c. s. substring(2.9);
    ⇒ friendly.

  s. substring(4);
    ⇒ endly face "